



| Form PTO-1449 | | U.S. Department of Commerce PATENT & TRADEMARK and Trademark Office | | | | | | Atty. Docket No. P23916 | Serial No. 10/614,834 | | |
|--|---|---|---|---|------------------|---------|---|----------------------------|--------------------------|----------------------------|--|
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary) | | Applicants Kazutoshi YASUNAGA et al. | | | | | | | | | |
| | | Filing Date July 9, 2003 | | | Group Unknown | | | | | | |
| U.S. PATENT DOCUMENTS | | | | | | | | | | | |
| EXAMINER INITIAL | | DOCUMENT NUMBER | | | DATE | NAME | | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE | |
| AAA | | 4 | 8 | 6 | 8 | 8 | 6 | 7 | 09/1989 | DAVIDSON et al. | |
| AAA | | 5 | 3 | 0 | 7 | 4 | 4 | 1 | 04/1994 | TZENG | |
| AAA | | 5 | 9 | 6 | 3 | 8 | 9 | 6 | 10/1999 | OZAWA | |
| AAA | | 5 | 8 | 2 | 6 | 2 | 2 | 6 | 10/1998 | OZAWA | |
| AAA | | 5 | 1 | 9 | 5 | 1 | 3 | 7 | 03/1993 | SWAMINATHAN | |
| AAA | | 6 | 1 | 2 | 2 | 6 | 0 | 8 | 09/2000 | MCCREE | |
| AAA | | 5 | 6 | 9 | 9 | 4 | 7 | 7 | 12/16/97 | MCCREE | |
| AAA | | 5 | 7 | 3 | 4 | 7 | 9 | 0 | 03/31/98 | TAGUCHI | |
| AAA | | 6 | 2 | 6 | 6 | 6 | 3 | 2 | 07/24/01 | Kato et al. | |
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| AAA | | 6 | 1 | 2 | 2 | 6 | 0 | 8 | 09/2000 | MCCREE | |
| AAA | | 4 | 8 | 6 | 8 | 8 | 6 | 7 | 09/1989 | DAVIDSON et al. | |
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| | | DOCUMENT NUMBER | | | DATE | COUNTRY | | CLASS | SUBCLASS | TRANSLATION YES NO | |
| AAA | | 6 | 8 | 4 | 7 | 0 | 2 | 11/29/95 | E.P.O. | | |
| AAA | | 7 | 7 | 8 | 5 | 6 | 1 | 06/11/97 | E.P.O. | | |
| AAA | | 2 | 2 | 8 | 0 | 2 | 0 | 0 | JAPAN | | |
| AAA | | 2 | 2 | 8 | 2 | 8 | 0 | 0 | JAPAN | | |
| AAA | | 9 | 1 | 6 | 0 | 5 | 9 | 6 | 06/20/97 | JAPAN | |
| OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) | | | | | | | | | | | |
| AAA | 1 | Sung Joo KIM et al., "A Complexity Reduction Method for VSELP Coding Using Overlapped Sparse Basis Vectors" proceedings of the International Conference on Signal Processing Applications and Technology, XX,XX, Vol. 2, pages 1578-1582, published October 18, 1994. | | | | | | | | | |
| AAA | 2 | M.R. SCHROEDER et al., "Code Excited Linear Prediction (CELP): High Quality Speech At Very Low Bit Rates", Proc. ICASSP 1985, pages 937-940. | | | | | | | | | |
| AAA | 3 | R. SALAMI et al., " 8 K Bit/s ACLEP Coding of Speech With 10 MS Speech Frame: A Candidate For CCITT Standardization", ICASSP 1994, pages II-97-II100, 1994. | | | | | | | | | |
| AAA | 4 | English Language Abstract of JP Appln. No. 2-280200. | | | | | | | | | |
| EXAMINER | | /Angela Armstrong/ | | | DATE CONSIDERED | | | 10/30/2006 | | | |
| *EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. | | | | | | | | | | | |